

MON Batch Leak Detection and Repair Data

Facility	Plant Name	LDAR Program	Product Processes	Inspection Frequency	Leak Definition	Detection Method	Leak Program	Comment1
				M = Monthly Q = Quarterly A = Annually E = After equipment change O = Other	A = 500 ppmv B = 1,000 ppmv C = 10,000 ppmv D = Bubble formation E = Sensory detection O = Other	A = EPA Method 21 B = Sight, smell, sound C = Gas detection or alarm system D = Soap water application E = None O = Other		
1	Rhone-Poulenc Inc., New Brunswick, NJ	No						Site is currently implementing a preventive maintenance program
2	Franklin International - Polymer Division, Columbus, OH	No						plant air exceeds or approaches permissible OSHA levels.
3	The Euclid Chemical Co., Cleveland, OH	Yes	all	O-daily	E	B		
4	Para-Chem, Inc.- Simpsonville Plant, Simpsonville, SC	Yes	All	A	D and/or E	B and/or D		
5	Para-Chem, Inc. - Dalton Plant, Dalton, GA	Yes	All	A	D and/or E	B and/or D		
6	The Glidden Company, Huron, OH	No						
8	Evans Chemetics, Waterloo, NY	No						
9	THE GOODYEAR TIRE & RUBBER COMPANY, NIAGARA FALLS, NY	Yes	all	A	E	B		
10	Tennessee Eastman Division, Kingsport, TN	No						
11	BPCI - Sand Springs Manufacturing Plant, Sand Springs, OK	Yes	All	Q	A	A		
12	DIXIE CHEMICAL COMPANY, PASADENA, TX	YES	All processes in Plant A are monitored. Dibasic Esters in Plant B is not monitored.	Q	A	A		
13	Rohm and Haas Company - Philadelphia Plant, Philadelphia, PA	Yes	Building R-11 Ion Exchange Resin	A	C	A		Building 80 Ion Exchange Resin manufacture does not participate in a formal LDAR program.
14	DynaChem, Inc., Georgetown, IL	Yes	R2 Reactor, Benzene Sulfonic Acid Production	M	D,E	B		
15	Hercules, Inc. - Hattiesburg, MS Plant, Hattiesburg, MS	No						
16	Schenectady International, Inc. - Rotterdam Junction Facility, Rotterdam Junction, NY	No						
17	Geo Specialty Chemicals, Cedartown, GA	Yes	Naphthalene Sulfonic Acid	O Semi ann	A	A, B		
18	Velsicol Chemical Corporation, Chattanooga, TN	Yes	Benzoyl Chloride, Benzophenone	?	?	A	HON LDAR	HON LDAR
19	CCP-Chatham Facility, Chatham, VA	No	Hazardous Waste Only	M, Q	C	A		Monthly and Quarterly Monitoring on Hazardous Waste Storage tanks and associated piping components
20	CCP- Houston Facility, Houston, TX	Yes	Components in VOC Service	Q	A	A, B		
21	CCP-Marshall Facility, Marshall, TX	Yes	DCPD Processes	Q	C	A, B	TX 28M	Monitoring of components in VOC service with vapor pressure >0.5psi

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22	CCP-North Kansas City Facility, North Kansas City, MO	No						
23	CCP-Pennsanken Facility, Pennsanken, NJ	No						
24	CCP-Saukville Facility, Saukville, WI	Yes	All	A	C	A		
25	Troy Chemical Corporation, Newark, NJ	Yes	Cobalt Compound Products	Q	B	A	Comply with N.J. LDAR Program	Comply with N.J. LDAR Program
26	MacDermid Imaging Technology Incorporated, Middletown, DE	No	All	A,E	E	B,C		Informal program in place
27	HENKEL CORPORATION - LOS ANGELES OPERATIONS, LOS ANGELES, CA	Yes	ALL	Q	B	A		FUGITIVE EMISSIONS OF VOLATILE ORGANIC COMPOUNDS
28	Morton International Inc. - Ringwood Plant, Ringwood, IL	No	N/A	N/A	N/A	N/A		
29	Arkansas Eastman Division, Batesville, AR	No	N/A	N/A	N/A	N/A		As part of our equipment inspection, each shift, all equipment is evaluated for leaks, etc.. There is no formal required regulatory program for all of the miscellaneous equipment at this facility.
31	ISP Chemicals Inc., Calvert City, KY	Yes	Gantrez B HMWT and Gantrez B LMWT : pumps, pressure relief devices, valves, flanges, connectors, and closed vent system	O=mix of weekly, M, Q, and A	Z= Mix of A, C, and E	Z= Mix of A and B	Subpart V (like VV except monthly)	Required by 40 CFR 61 Subparts J and V (Benzene NESHAP) for product process lines Gantrez B HMWT and Gantrez B LMWT.
32	Henkel Corporation, Kankakee, IL	Yes	All	O=daily, E	C	A,B		By process
33	Union Camp Corporation, Wayne, NJ	No						
34	Novartis Crop Protection, Inc. - St. Gabriel Plant Site, St. Gabriel, LA	Yes	All	Q, A, E, M	A, B, C, E	A, B	LA non-HON LDAR	LA non-HON LDAR
35	Bush Boake Allen Aroma and Terpene Chemicals, Jacksonville, FL	No	NA	NA	NA	NA		Emissions survey done once in 1994 for title V permit application. Total emissions : methanol - 0.17 TPY, MEK - 0.22 TPY, HCl - 0.158 TPY
37	PPG - Springdale Resin Plant, Springdale, PA	No	Not Applicable	Not Applic	Not Applic	Not Applic		
39	Griffex Chemicals, Opelika, AL	Yes	"All" - reactor construction, steam pop-offs, reactor pop-off, rupture disc, man hole, flanges, pressure gauges, valves, motor, gear box, temperature recorder, controls, scales, condenser, receiver, vacuum pump	M		B		

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40	PPG Industries, Inc., Oak Creek, WI	Yes	All	M, Q, A	C, E	A, B	WI LDAR Program - Q and C	WI LDAR Program - Q and C
41	PPG - Circleville Resin Plant, Circleville, OH	No	Not Applicable	Not Applic	Not Applic	Not Applic		
42	PPG - Delaware Resin Plant, Delaware, OH	No	Not Applicable	Not Applic	Not Applic	Not Applic		
43	DUPONT FRONT ROYAL SITE, FRONT ROYAL, VA	No	N / A	N / A	N / A	N / A		FIRST GO AROUND---LESS THAN 10 PPM BACKGROUND
44	Ciba Specialty Corp. Newport Plant, Newport, DE	Yes	All methanol vessels and transfer lines	A	A	A		
45	Witco Corp. - Sistersville Plant, Friendly, WV	Yes	All	A, E	A, B, D, E	A, B, C, D	HON LDAR	HON LDAR
47	Rhone-Poulenc Oil City, Oil City, PA	Yes	All	O (Semi-Annual)	C	A		
48	The NutraSweet Kelco Company, Augusta, GA	No						
49	BFGoodrich Co., Akron, OH	Yes	Reactive Liquid Polymers (RLP) and HYCAR (latex)	Q	C	A		A leak detection and repair program is currently in place for all acrylonitrile service.
50	Nation Ford Chemical Company, Fort Mill, SC	Yes	All	O (daily)	E	B		
51	Union Carbide Corporation - Texas City Plant, Texas City, TX	Yes	All	Q	A	A	TX 28M	Voluntary Quarterly Monitoring. Low Vapor Pressure Exemptions are Available under TNRCC Regulation TAC 115.334.
52	Albemarle Corporation - South Plant, Magnolia, AR	Yes	20f5	M, Q	A, C, E	A, B, C	Saytrex RB-100 -Subpart VV ; NC-21 Subpart V	SAYTEX RB-100 for part 6, subpart VV and NC-21 plant for part 61, subpart V
53	Du Pont - Fort Madison Plant, Fort Madison, IA	Yes	N/A	N/A	N/A	N/A	40 CFR 265 Sub part BB	RCRA BB Requirement, we have not found any leakers in over five years of testing over 4800+ samples.
54	Kodak Park - Synthetic Chemicals Division, Rochester, NY	Yes	Hazardous waste units only	M (pumps), A (valves)	C	A	40 CFR 265 Sub part BB	40 CFR 265 Sub part BB

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56	Flexsys Nitro Plant, Nitro, WV	Yes	Flow Modifiers and Defoamers, Antioxidants -Santowhite Powder, Mercaptobenzothiazole, Sodium Mercaptobenzothiazole, Antioxidants - Sulfasan and Santovar, Antioxidants - Santonox Valves and pumps containing at least 10% VOC in light liquid or gas service	Q	C	A, B		
57	E. I. Du Pont de Nemours & Co. Inc. - Washington Works, Parkersburg, WV	No	Comments listed below apply to only Product delphi - 6 as the other two product line listed here do not have LDAR programs.					vessel pressure test for leak prevention. Product Gamma does not have an applied LDAR program
59	HERCULES FRANKLIN PLANT, Courtland, VA	No						
60	Exxon Chemical Americas - Bayway Chemical Plant, Linden, NJ	Yes	B, C, D	Q	B	A		
61	Exxon Chemical Americas - Baton Rouge Chemical Plant, Baton Rouge, LA	Yes	ALL	M, Q, T, A	A, B, E	A, B	LA non-HON	
62	The Dexter Corporation, Waukegan, IL	Yes	All	O - visual	O - visual	B		
63	Ciba Specialty Chemicals Corp, McIntosh, AL	Yes	All P Products, All L Products, All D Products, All B Products, and All A Products except A-1, A-2, and A-3	A,O(Subpart VV Equiv.)	C	A		
64	The Lubrizol Corporation, Painesville, OH	No						
65	Albright & Wilson Americas Inc., Charleston, SC	Yes	Ethylene dichloride stripping in unit "S" train "E"	A	A/C	A		
66	Arizona Chemical, Panama City, FL	No						
67	Huntsman Petrochemical Corporation - Dayton Manufacturing Facility, Dayton, TX	Yes	ALL	Q	A	A		
68	National Starch and Chemical Company - Meredosias, Meredosias, IL	No						
69	Cytec Industries, Wallingford, CT	Yes	ALL	O-DAILY	C	B		
70	Cyro Industries - Wallingford, Wallingford, CT	Yes	ALL	M	C	A, B		
71	Monsanto, Gonzalez, FL	Yes	Maleic Anhydride	A	C	A		Dimethyl Ester process

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72	Elf Atochem North America, Inc. - Channelview Complex, Channelview, TX	Yes	all	Q	500	A		
74	Henkel Corporation - Cincinnati Plant, Cincinnati, OH	No						The equipment is checked as part of the Mechanical Integrity and Preventive/Predictive Maintenance Programs.
75	Amerchol-Edison, Edison, NJ	No						
78	Great Lakes Chemical Corporation - South, El Dorado, AR	No						
79	National Starch and Chemical Company - Salisbury Plant, Salisbury, NC	No						such as sealless pumps.
80	DuPont Mt. Clemens Plant, Mt. Clemens, MI	No						However, will be implementing LDAR for new solvent recovery system under RCRA subpart BB.
81	South Charleston Training Center, South Charleston, WV	No	Multifunction polycarbodiimide Production (MPP)	N/A	N/A	N/A		
82	Chemol Co., Inc., Greensboro, NC	No						
83	The Procter & Gamble Manufacturing Company, Sacramento, CA	Yes	all	Q	C	A		
84	Blue Ash Polymer/Waterbase Plant, Blue Ash, OH	No						
85	Buckman Laboratories, Incorporated, Cadet, MO	Yes	Part of each process	M	E	B		
86	Cincinnati Specialties, Inc., Cincinnati, OH	No						
87	Zeeland Chemicals, Inc., Zeeland, MI	No	N/A	N/A	N/A	N/A		
88	The Lubrizol Corporation - Deer Park Plant, Deer Park, TX	Yes	Calcium Long Chain Alkaryl Sulfonate, Calcium Long Chain Alkylphenol Sulfide 1, Olefin Polysulfide, Chloralkyl Sulfide (D), Alkylated Phenol, Chloroalkyl Sulfide (ND)	Q	A	A		
89	Kalama Chemical, Inc., Kalama, WA	Yes	All	Q/M/A	A/B	A,B	HON LDAR	Testing frequency, leak definition varies with equipment, ie. valves quarterly, etc. Vacuum leaks fixed/found as needed; HON LDAR
90	The Lubrizol Corporation - Bayport Plant, Pasadena, TX	Yes	All	Q	A	A		

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91	Abemarle Coporation, Orangeburg, SC	No	BIF Unit, Hazardous Waste Tanks and < 90 Day Hazardous Waste Accumulation Tanks.	Weekly & M	A & C	A & B	40 CFR 265 Sub part CC	BIF unit and a Subpart CC LDAR program for its RCRA hazardous waste tanks and < 90 day accumulation tanks.
92	Reilly Industries, Inc., Indianapolis, IN	No						No. 4 below: equipment operating under pressure is pressure tested prior to manufacturing for visible leaks.
93	BASF Corporation - PVP Plant, Geismar, LA	None						
94	Dow Corning Corporation - Midland Plant, Midland, MI	Yes	EG303-01	M	E	A		Midland Plant. Monthly visual; Annual 10,000 ppm w/ Method 21
95	Hercules Incorporated - Jefferson Plant, West Elizabeth, PA	No						
96	Air Products and Chemicals, Inc. - Piedmont Plant, Piedmont, SC	No	NA					meet the EPA protocol
97	Aristech Chemical Corporation - Neville Island Plant, Pittsburgh, PA	No						
99	Salsbury Chemicals, Inc., Charles City, IA	No						
100	THE P.D. GEORGE COMPANY, ST. LOUIS, MO	Yes	ALL	M,Q	E	B		
101	Soluol Chemical Co., Inc., West Warwick, RI	No						
102	3M Tonawanda, Tonawanda, NY	No						
103	Ashland Chemical Company - Jacksonville, AR - Composite Polymers, Jacksonville, AR	No						
104	Ashland Chemical Company - Los Angeles - Composite Polymers, Los Angeles, CA	Yes	All	A & O (daily)	C & B	A	South Coast Air Quality Management District Rule 1173	South Coast Air Quality Management District Rule 1173; Audio-visual inspection every 8 hrs, quarterly inspections using EPA Method 21 and leak definition of 1,000 ppm
105	W.G. Krummrich Plant, Sauget, IL	No						
107	Hercules - Brunswick Plant, Brunswick, GA	No						reduction efforts, primarily for certain continuous processes at the facility.
108	Norco Chemical Plant, Norco, LA	Yes	pump seals, valves, connectors	M, Q, A	C, A, A	A		
109	Allco Chemical Corporation - Jayhawk Plant, Galena, KS	No						
110	Akzo Nobel Chemicals Inc., Gallipolis Ferry Plant, Gallipolis Ferry, WV	Yes	"ALL" for West Virginia's WV 45 CSR 27 regulated processes in Area C; Area R; Area W; Area B; and Area M.	A,M and E	A,C and E	A,B,C,D,O	Like HON	

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111	Phillips Petroleum Company - PHILTEX/ RYTON COMPLEX, BORGER, TX	Yes	PRODUCTS A,B,D,E,G,H,I	O (varies)	varies	varies	TX 28VHP	weekly walk-throughs(sight,sound,olfactory) and quarterly checks utilizing gas analyzers. Some units have no program. TX 28VHP LDAR
112	3V Inc., Georgetown, SC	No	TABANOL 3, TABANOL 5, TABANOL NA PRESSURE TEST ON DRYERS					
114	Ashland Chemical Company - Composite Polymers Div. - Colton Facility, Colton, CA	Yes	Line in contact with styrene	A	C (major); B (minor)	A	South Coast Air Quality Management District Rule 1173	South Coast Air Quality Management District Rule 1173; Audio-visual inspection every 8 hrs, quarterly inspections using EPA Method 21 and leak definition of 1,000 ppm
115	Ashland Chemical Company - Composite Polymers Div. - Bartow Manufacturing Facility, Bartow, FL	Yes	Lines	Q	C	A		All lines containing resin, styrene, dicyclopentadiene, maleic anhydride and phthalic anhydride
116	Ashland Chemical Company - Ashtabula Composite Polymers, Ashtabula, OH	No						
117	Ashland Chemical Company - Petrochem Div. - Neville Island Plant, Pittsburgh, PA	Yes	Maleic anhydride batch refiner	Q	C & A	A	Subpart VV	C for reporting; A for maintenance. C is the regulatory driver (Subpart VV); however, facility repairs at A
118	Ashland Chemical Company - Composite Polymers Div. - Philadelphia Plant, Philadelphia, PA	Yes	Polyester production	A	B	A		
118	Ashland Chemical Company - Composite Polymers Div. - Philadelphia Plant, Philadelphia, PA	Yes	Vinyl ester	Q	B	A		
119	Ashland Chemical Company - Calumet City, Specialty Products and Adhesives, Calumet City, IL	No						
121	Olin Corporation, Rochester, NY	Yes	P-1, P-9, P-10, P-11, P-13, P-15, P-19, P-22	A	E & O (visual and PI detector reading)	B & O (visual and PI detector)	6NYCRR 595-599	Requirements under 6NYCRR 595-599 and voluntary emissions mitigation measures
122	Sterling Chemical, Inc. Texas City Plant, Texas City, TX	Yes	Tert-Butylamine	M-pumps; Q-other; O-Daily	A, E	A, B (daily)	TX 28MID	TX 28MID LDAR Program
123	Bell Aromatics, Milwaukee, WI	No						
124	BFG Henry Plant, Henry, IL	Yes	All	O (weekly)	O (liquids)	B, C		
125	Niacet Corporation, Niagara Falls, NY	No	Chloroacetic acid					
125	Niacet Corporation, Niagara Falls, NY	No	Sodium phenoxyacetate					

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126	Morton International, Inc. - Cincinnati Facility, Cincinnati, OH	No						
127	Lilly Industries (USA), In., Indianapolis, IN	No	NA	NA	NA	NA		
128	Keil Chemical Division, Hammond, IN	Yes	Flame retardant additive production	M	B	A		
129	Morton International Inc. - WAL, West Alexandria, OH	Yes	All	O (Weekly)	E	B, C		
130	Zeneca Specialties, Inc. - Mt. Pleasant Site, Mt. Pleasant, TN	Yes	Product E	M, Q	C, E	A, B		
131	DuPont Sabine River Works, Orange, TX	Yes	Product P -3065 Bldg.	M	B	A	Texas REg. 5 and NESHAPs FF	Texas REg. 5 and NESHAPs FF
132	Akzo Nobel Chemicals Inc., McCook, IL	No	Ethochemical Production Area	0(twice)	C(first test); A(2nd test)	A		Voluntary Program
132	Akzo Nobel Chemicals Inc., McCook, IL	No	Arquad Production Area	0(twice)	C(first test); A(2nd test)	A		Voluntary Program
133	Akzo Nobel Chemicals Inc., Morris, IL	No	Arquad production Area	O (twice)	C (1st test), A92nd test)	A		
133	Akzo Nobel Chemicals Inc., Morris, IL	No	Batch Hydrogen	O (twice)	C (1st test), A92nd test)	A		
133	Akzo Nobel Chemicals Inc., Morris, IL	No	Quaternary Ammonium Salt Production Areas	O (twice)	C (1st test), A92nd test)	A		
134	3M Company - Cordova, Cordova, IL	No						
135	3M Company - Cottage Grove, Cottage Grove, MN	No						
136	3M Decatur, Decatur, AL	No						
137	Unitex Chemical Corporation, Greensboro, NC	Yes	All	M	E	B		Voluntary program
138	Air Products Manufacturing Corporation, Wichita, KS	Yes	Products A, B, D, E, F, H, and I	M	O- 100 ppm	A,B		dianiline
139	General Electric Company - Waterford Operations, Waterford, NY	No						
140	Schenectady International, Inc. - Texas Operations, Freeport, TX	Yes		M	A	A,B		
141	Rohm and Haas Company - Bristol Site, Bristol, PA	Yes		M	E	B		
141	Rohm and Haas Company - Bristol Site, Bristol, PA	Yes		Q	C	A		
141	Rohm and Haas Company - Bristol Site, Bristol, PA	Yes			B	A		
142	General Electric Company - Selkirk Operation, Selkirk, NY	No						

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143	Sartomer Company, Inc., West Chester, PA	No						
144	Neville Chemical Company - Neville Island Facility, Pittsburgh, PA	Yes	Components in Light Liquid Service	M, Q, A	C,E	B,C		Neville Chemical Company has instituted a LDAR program in accordance with their approved RACT Demonstration Plan
145	The Dow Chemical Company, Pittsburg, CA	Yes	All	O (Weekly)	E	B		Plant does weekly documented valve inspection on acutely hazardous materials lines
146	Dow Joliet Site, Channahon, IL	Yes	All line containing HAPs	Q	C	A		Voluntary program for Derkane Production
147	Union Carbide Corporation - South Charleston Plant, South Charleston, WV	Yes	Specialty Surfactant Unit - RCRA Tank System Only	per RCRA BB regulation	per RCRA BB regulation	per RCRA BB regulation	RCRA BB Monitoring per RCRA regulation	RCRA BB Monitoring per RCRA regulation
147	Union Carbide Corporation - South Charleston Plant, South Charleston, WV	Yes	HMP-123	Q	C	A,B	WVOAQ Reg 21 Section 37	Valves, pumps, PSVs per WVOAQ Reg 21 Section 37; All VOCs > 10%
148	Sunbelt Chemicals, Palm Coast, FL	No						
149	Huls America, Inc., Theodore, AL	Yes	All	Q	C	A	Like VV	Organic Intermediates and Silanes Finishing implement voluntary LDAR programs.
150	Sigma Chemical Company - Second Street Plant, St. Louis, MO	No						
152	BASF Corporation - Freeport Works, Freeport, TX	Yes	See comment 1	Q	A	A	TX 28MID	All components that have an aggregate VOC partial pressure of 0.002 psia at 100 deg F and an operating pressure of at least 0.725 psia below ambient
153	E. I. DuPont de Nemours & Co., Inc. - Chamber Works, Deepwater, NJ	Yes	Zonyl 7040 - Standardizer plus drumming lines. Stadis 450 - Reactor plus lines. N-130 - Reactor plus lines. DRL-6 - Reactor plus lines. Monochloroacetone - Reactor plus lines.	A	C	A	Comply with N.J. LDAR Program	
153	E. I. DuPont de Nemours & Co., Inc. - Chamber Works, Deepwater, NJ	Yes	All	O(as noted)	E	B		
154	McGean-Rohco, Inc., Atlanta, GA	Yes	All	E	E	B		
155	Fuji Hunt Specialty Products Company, Dayton, TN	No						

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156	ANGUS - STERLINGTON OPERATIONS, STERLINGTON, LA	Yes	NITROALCOHOLS, AMINO ALCOHOLS, OXAZOLIDINES, ISOPROPYLHYDROXYLAMINES	M,Q,A	A	A	LA non-HON	
157	Rohm & Haas Texas, Rohm & Haas Lone Star, RohMax, Deer Park, TX	Yes	All at Rohm and Haas Lonestar, Methyl Methacrylate only at RohMax	Q	C	A	TX 28M	
158	Stepan Millsdale Plant, Elwood, IL	Yes	See comment 1	A	C	A	IAC 218.421	Three areas are monitored and reported under IAC 218.421. Three other areas are monitored as an "in house" leak reduction
159	Sofix Corporation, ,	Yes	All processes involving the HAP used	Quarterly	10,000 ppm	ova	Like Subpart VV	No
160	The C. P. Hall Company, Bedford Park, IL	No						
161	Hickson DanChem Corporation, Danville, VA	No						
162	Witco Corporation, Mapleton, IL.	No	METHYL CHLORIDE FIRST, THEN ACRYLONITRILE AND FINALLY FORMALDEHYDE PROCESSESS.	A / E	D / E / O	C / D / O		PROCESS. THIS PROGRAM SHOULD BE IMPLEMENTED DURING FISCAL 1998.
163	Uniroyal Chemical Co., Inc., Naugatuck, CT	Yes	All	Q	C	A		
164	Sherwin-Williams Baltimore, Baltimore, MD	Yes	All lines	O (weekly)	E	B		
165	Sherwin-Williams Automotive Finishes Corp., Richmond, KY	Yes	All	O (daily)	E	B		